

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region III - 6th & Walnut Sts.  
Philadelphia, Pa. 19106



SDMS DocID

2198327

SUBJECT: Allegany County, MD  
Hazardous Waste Site Investigation

DATE: MAY 28 1980 ORIGINAL  
(Red)

FROM: Michael Musheno, Environmental Scientist  
Environmental Emergency Branch (3SA30) *mm*

TO: Files

On Tuesday, May 20, 1980, the following personnel met in the Cumberland Office of the Maryland Department of Natural Resources to discuss the Cabin Run Landfill (MD-3), Hoffman Landfill (MD-4), and Vale Summit Landfill (MD-5):

Name

William H. Price	Regional Inspector	MD DNR	301-777-2134
Richard Sharpless	Regional Supervisor	MD DNR	301-777-2134
James J. Kahl	Regional Engineer	MD DNR	301-777-2134
Larry Sholl	Environmental Chemist	Ecology and Environment	215-735-2011
Stan Bumble	Chemical Engineer	Ecology and Environment	215-735-2011
Michael Musheno	Environmental Scientist	U.S. E.P.A.	215-597-9413

The three sites are in close proximity to one another. Kahl suggested monitoring be conducted at the outfall of the Hoffman Drainage Tunnel. This tunnel entrance is located on RT 55 south of Clareysville. This tunnel drains the whole area in which the three landfills are located.

The following narratives discuss information that was obtained during data assessment and could not be entered into the Site Inspection Report.

Cabin Run Landfill  
MD-3

In a MD Water Resources Administration Report dated 4-17-75, it stated that "domestic and commercial refuse from all areas of Allegheny County will be placed in pit . . . hazardous wastes will be handled on a special basis upon consultation with the local health department."

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In a MD Water Resources Administration Memo dated 9-27-79, it stated that 100 cu. yds. of asbestos material was proposed to be landfilled. Source of the asbestos was not disclosed.

Only the following basic lab analyses were conducted on test wells and leachate flows:

Suspended Solids	Manganese
Dissolved Oxygen	Aluminum
Total Solids	Total Alkalinity
BOD	Total Hardness
pH	Mir. Acid
Iron (+3)	Iron (+2)

This landfill is the only one of the three that is still active. No organic analyses of test wells or leachate flows have ever been conducted.

Hoffman Landfill  
MD-4

This landfill is an EPA Demonstration Project to promote the use of strip mine cuts for sanitary landfills. The landfill is completed.

The landfill started operation on 10-27-65. A MD Water Resources Administration memo dated 6-4-68 stated concern that groundwater percolation through the landfill was causing a discharge.

In the early 1970's, case file memo stated monitoring was conducted for the following analyses:

Chlorine	pH
Iron	Volitile Solids
Total Hardness	BOD
Total Solids	

No organic analyses have ever been conducted of test well or leachate flows.

A MD Water Resources Administration memo dated 10-18-76 reported "fairly good flow of surface leachate at the time. Erosion evident in some areas.

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Currently a senior citizens home and industrial park are built on the site. Price admitted that methane generation problems exist at this site.

Vale Summit Landfill  
MD-5

This landfill started operation in 1971. In January of 1973; Gannett, Fleming, Corddry and Carpenter wrote John R. Matis, MD Water Resources Administration to report "a severe deterioration in appearance of Vale Run . . . streambed discoloration emanated from discharge above landfill.

Basic lab analyses as mentioned being conducted at Cabin Run were conducted on test well and leachate flows at this site. No organic analytical analyses have ever been conducted.

The landfill was closed on 11-23-76.

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FROM: Michael Musheno, Environmental Scientist  
Environmental Emergency Branch (3SA30)

TO: Files

On Wednesday, May 21, 1980, the following personnel met to discuss the Vale Summit, Cabin Run Road and Hoffman Landfill:

Name

Earl Cooper	Assistant Engineer	Allegany Co. Engineers Office	301-777-5933
Gerald Arthur	County Engineer	Allegany Co. Engineers Office	301-777-5933
Robert Thom	Regional Inspector	MD Dept. of Natural Resources	301-777-2134
Larry Sholl	Environmental Chemist	Ecology and Environment	215-735-2011
Stan Bumble	Chemical Engineer	Ecology and Environment	215-735-2011
Michael Musheno	Environmental Scientist	U.S. E.P.A.	215-597-9413

Information was obtained to complete the Site Inspection Reports. Arthur suggested we contact Edgar Woods, Allegany Co. Health Department at 777-5647 to obtain information on groundwater monitoring sites and monitoring results. Norm Chapman, Maryland Health Department may be able to locate monitoring wells on the Vale Summit Landfill.

The following industries have had wastes disposed of in the three landfills:

Kelly Springfield, Inc.  
Hercules, Inc.  
Celanese Fibers, Inc. (Amcelle)  
PP Co.

Various sewage sludges have been buried at these sites also.

Arthur believes epoxy resins were placed in the Vale Summit landfill.

On-site inspections of landfills were then conducted. It is highly recommended that organic analyses be run on groundwaters in the area of these sites. Monitoring wells both on-site and adjacent (domestic wells) are available for monitoring according to local officials. The two leachate sources found at Vale Summit and Hoffman should also be analyzed. The pools found on the Cabin Run Road site should be analyzed.

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Arthur stated that if asbestos was placed in the Cabin Run Road landfill, then it was done without County permission. The site contract excludes hazardous waste dumping. No records are kept of this landfill's waste loading.

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Hazardous Waste Site Inspection

DATE: MAY 28 1980

FROM: Michael Musheno, Environmental Scientist *MM*  
Environmental Emergency Branch (3SA30)

TO: Files

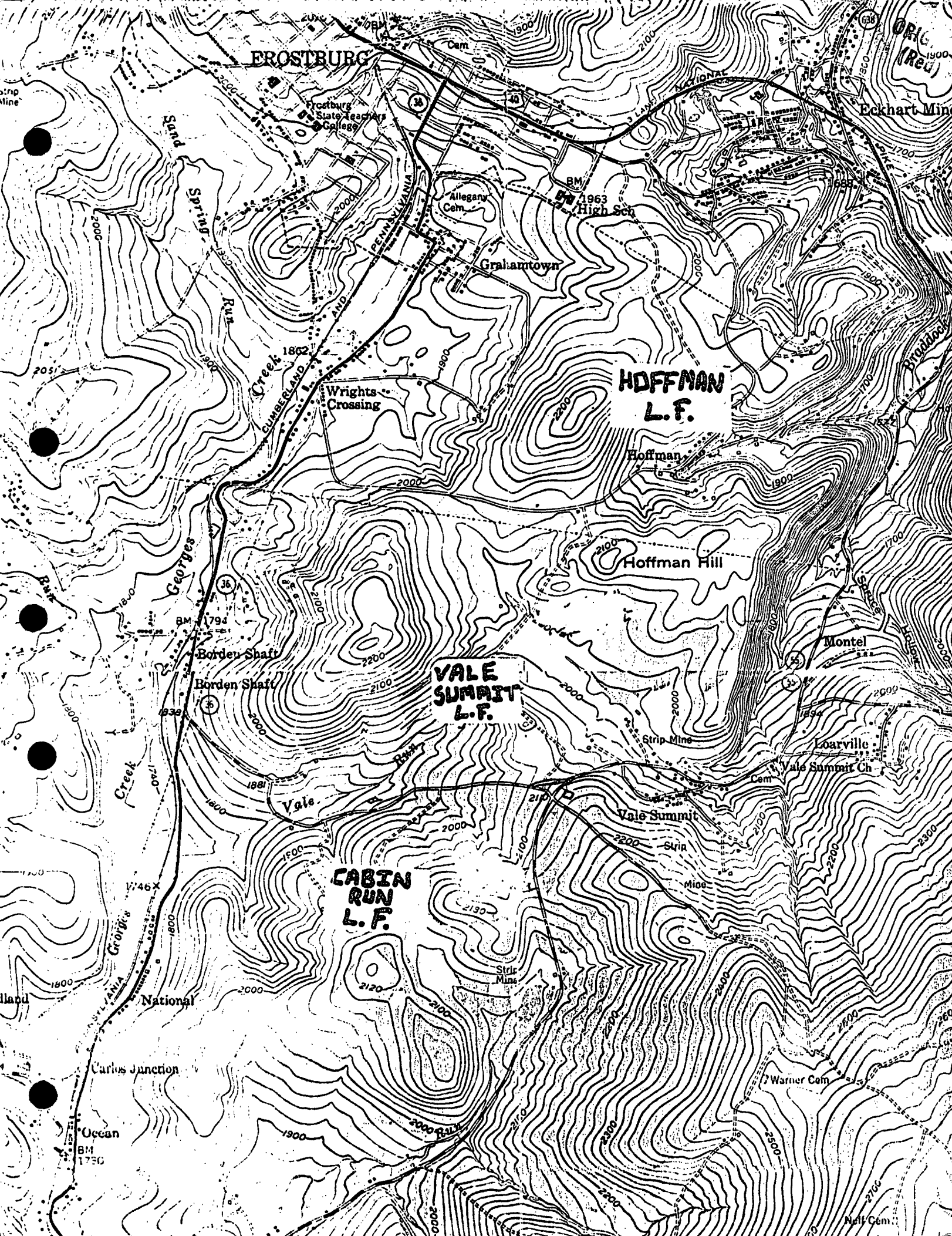
On Thursday, May 22, 1980, the following personnel met at the Maryland Department of Health Office in Cumberland to discuss the Hoffman, Vale Summit and Cabin Run Landfills:

<u>Name</u>	<u>Title</u>	<u>Organization</u>	<u>Phone #</u>
Edgar Woods	Sanitarian	Maryland Dept. of Health	301-777-5647
Stan Bumble	Chemical Engineer	Ecology and Environment	215-735-2011
Larry Sholl	Environmental Chemist	Ecology and Environment	215-735-2011
Michael Musheno	Environmental Scientist	U.S. E.P.A.	215-597-9413

Woods had been actively involved in the Hoffman Run Landfill Project. The County took over control of the Vale Summit Landfill in its early stages and has complete control of the currently active Cabin Run landfill. Woods has been disappointed with the County's operation of the Vale Summit and Cabin Run landfills.

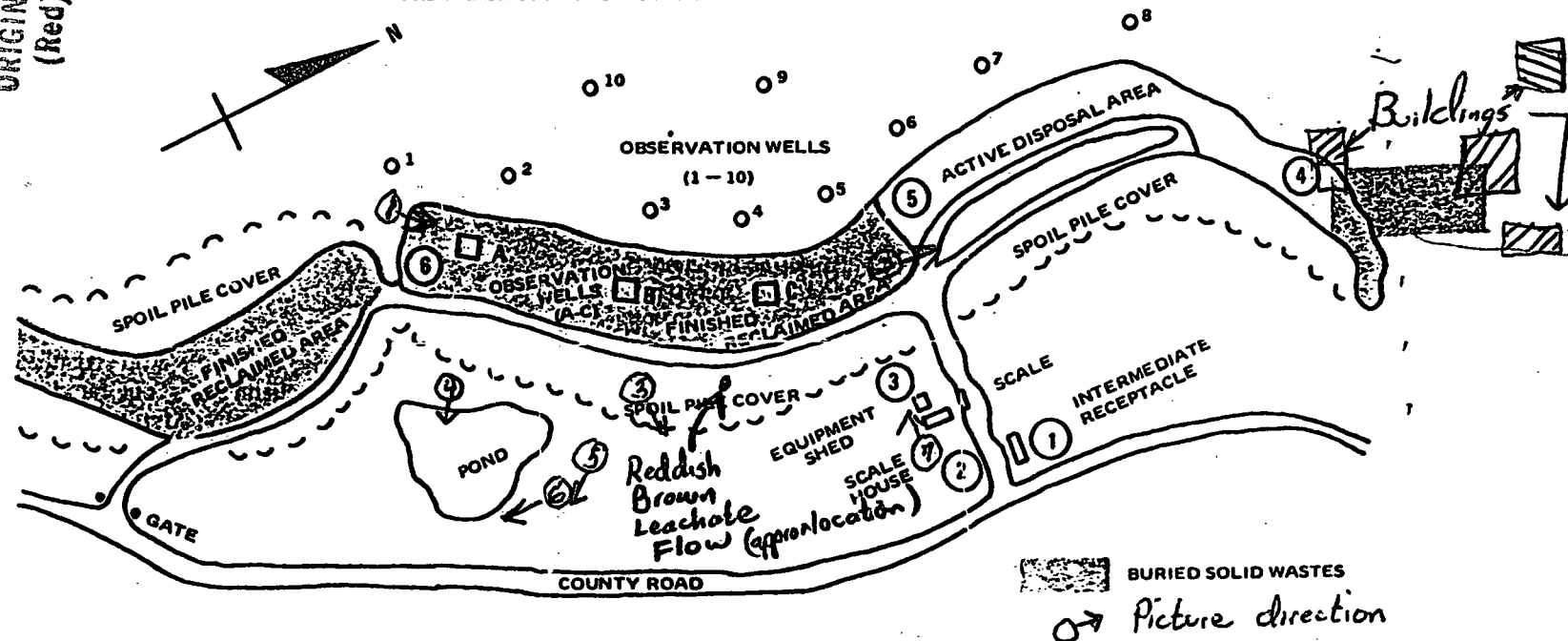
Woods showed us maps of Hoffman illustrating that the Home of the Aging midrise was built over the landfill. The County denied this allegation. Woods will obtain as much information as possible (i.e. maps, records, etc.) and forward them to this office.

From discussions with Woods, it appears the County has little control over what types and volume of wastes go into the Cabin Run landfill. No records are kept and the operator of the landfill has little concern for discriminating against unpermitted disposal.



ORIGINAL  
(Red)

## THE ALLEGANY COUNTY SANITARY LANDFILL



### Intermediate Receptacle (1)

A convenient disposal area for people who have no regular refuse collection service or who have only a small amount of trash which haulers will not accept. Near the landfill entrance, it prevents accidents by keeping small vehicles out of the active disposal area. Available 24 hours a day and lighted at night.

### Scale House (2)

This mobile trailer has a scale with a print-out system which records time, date, vehicle, weight of wastes, type and source of refuse, and weather. With this print-out equipment, actual tonnage input can be accounted

### Equipment Shed (3)

Stores equipment and supplies for maintenance and repairs.

### Finished Reclaimed Area (4)

An average of 50 feet of compacted refuse is buried under the top soil and vegetation in this area which was graded according to the land's natural contour. It is planted with several varieties of grasses and trees to determine which will grow best. The plant cover studies are coordinated with the University of Maryland's Extension Service.

### Active Disposal Area (5)

after another 15 feet is buried, the section will be graded and planted. Vegetation used will be selected on the basis of the plant cover studies. More cover material is available from nearby spoil piles left by the mining operation.

### Research (6)

Ground water observation wells (1 - 10) are in the undisturbed ground and provide a means for studying ground water movement and quality. Landfill observation wells (A, B, C) in a completed area, provide a method for collecting gasses and liquids for analysis of decomposition. Settlement pads in the finished area measure the amount of solid wastes